

## New Perspectives 2021



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## CMS in 10 minutes

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Forty million times per second, the Large Hadron Collider (LHC) produces the highest energy collisions ever created in a laboratory. The Compact Muon Solenoid (CMS) experiment is located at one of four collision points on the LHC ring. Built like a cylindrical onion, CMS uses distinct layers of detectors to identify and measure outgoing particles. The resulting data can be used to study Standard Model particles with unprecedented precision and to search for completely new physics phenomena. In this talk I will highlight some of the recent work by CMS physicists, and future prospects for the experiment.

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